| Index of Claims |            |          |  |          |                 |                             |                  |  | A        | Application No. 10/730,019 |                |          |              |                                    |            |          |            | Applicant(s)  |                 |                        |                     |         |  |   |
|-----------------|------------|----------|--|----------|-----------------|-----------------------------|------------------|--|----------|----------------------------|----------------|----------|--------------|------------------------------------|------------|----------|------------|---------------|-----------------|------------------------|---------------------|---------|--|---|
|                 |            |          |  |          |                 |                             |                  |  |          |                            |                |          |              |                                    |            |          |            | 1             | MATSUURA ET AL. |                        |                     |         |  |   |
|                 |            |          |  |          |                 |                             |                  |  |          |                            | xam            |          |              |                                    |            |          |            | T             | Art             | Unit                   | t                   |         |  |   |
|                 |            |          |  |          |                 |                             |                  |  |          |                            | Sherali Ishrat |          |              |                                    |            |          |            |               | 2621            |                        |                     |         |  |   |
|                 | Г          | Γ        |  | $\neg$   |                 | П                           | (T               | hroug  | h num    | neral)                     |                | Г        | Τ            |                                    |            | _        |            | П             |                 | AATSU<br>Art Unit      |                     | $\neg$  |  |   |
|                 | <u> </u>   | Rejected |  |          |                 | (Through numer<br>Cancelled |                  |  |          |                            |                | 1        | Non-Elected  |                                    |            |          | A          | Appeal        |                 |                        |                     |         |  |   |
|                 | =          |          |  |          | ÷               | Restricted                  |                  |  | d        |                            | ı              | 1        | Interference |                                    |            | 0        | Objected   |               |                 |                        |                     |         |  |   |
| Claim           | Т          | Date     |  |          |                 |                             | Claim            |  |          |                            | Date           |          | is ci        |                                    | aim        |          | Date       |               |                 |                        | ]                   |         |  |   |
| Final           | 8/2/04     | 3-15-04  |  |          |                 |                             |                  | Final  | Original |                            |                |          |              | $\prod$                            |            | Final    | Original   |               |                 |                        |                     |         |  |   |
| ـ امیدا         | 1          | 3.       |  |          |                 |                             |                  |  | 1        |                            | Ц              |          |              |                                    | 1.7        | ш.       |            | Ш             |                 | Ш                      |                     |         | Ш  |   |
|                 | <u>  -</u> | -        | - -  | ┦┤       | -               | +                           |                  | $\vdash$   | 51<br>52 | ₩                          | ++             | +        | +            | ++                                 | - 3        |          | 101<br>102 | $\vdash$      | +               | H                      | $\dashv$            | +       | ├-}-   | - |
| 3               | =          | Ţ        |  | +-       | +               | +                           | H                |  | 53       | $\vdash$                   | $\Box$         | +        | +            | ++                                 |            |          | 103        | H             | +               | $\Box$                 |                     | +       | $\vdash$   | 1 |
| 4               | 1=         | <u> </u> | F  |          |                 |                             |                  |  | 54       |                            | П              |          | 1            |                                    | 国譜         |          | 104        | П             |                 | $\square$              | $\perp$             | $\Box$  |  | ] |
| 5               | _          | 1_       | ╀  | $\vdash$ | +               | $oldsymbol{\sqcup}$         |                  |  | 55       | $\vdash$                   | ╀              | +        | +            | ++                                 | -[종]       |          | 105        | H             | +               | $\left  \cdot \right $ | +                   | +       | $\vdash \vdash$                                  | 4 |
| 7 6             | 7          |          | }-   | H        |                 | +                           | $H^{\mathbb{S}}$ | $\vdash$   | 56<br>57 | $\vdash$                   | ╂              | ╬        | ╁            | ++                                 | 4:5        |          | 106<br>107 | $\vdash$      | +               | $\vdash$               | +                   | ╁       | ┼┼╴  | ┨ |
| 3 8             | 1          |          | H  | H        |                 | $\top$                      | $H_{i}$          | $\vdash$   | 58       |                            | 11             | 十        | +            | ++                                 | 一叠         |          | 108        | H             | +               | $\Box$                 | $\neg$              | $\top$  | <del>    -</del>                                 | 1 |
| 4 9             | 1          |          |  |          |                 |                             |                  |  | 59       |                            | П              |          |              |                                    |            |          | 109        | П             |                 | П                      |                     |         |  | 1 |
| 5 (10           |            | 2        |  |          |                 | Ш                           | Щ                |  | 60       |                            | 1-1            | $\perp$  | 4            | +                                  |            |          | 110        | $\sqcup$      |                 | Ш                      |                     | 1       | <b> </b>  _                                      | 4 |
| 11              |            | ╀        | ₩  | +        |                 | +                           | <b>—</b> ::      |  | 61<br>62 | ╀                          | +              | +        | +            | ┿                                  | - jij      |          | 111<br>112 | $\vdash$      | +               | $\vdash$               | -                   | +       | $\vdash$   | - |
| 13              |            | ╁        | ╂┼┼  | Н        | +               | +-                          |                  | $\vdash$   | 63       | <del>   -</del>            | +-+            | +        | ╁            | ╅                                  | <b>-</b> 2 |          | 113        | H             | $\dashv$        | H                      | +                   | 十       |  | 1 |
| 14              | I          |          |  | Ш        |                 |                             |                  |  | 64       |                            |                |          |              |                                    |            |          | 114        | $\Box$        |                 | П                      |                     |         |  | 1 |
| 15              |            |          | Ш  | П        |                 |                             |                  |  | 65       | LL                         | $\Box$         | $\perp$  | 4            | 11                                 | _          |          | 115        | $\sqcup$      | $\bot$          | Ш                      | _                   | ╀-      | $\vdash$   | 1 |
| 16              |            | ╁        | ╌┼╴  | +        | $\vdash$        | ╄                           | H                |  | 66<br>67 | ₩                          | ++             | $\dashv$ |              | ╢                                  |            |          | 116<br>117 | $\vdash$      | +               | Н                      | +                   | +       | <del>  -</del>                                   | ┨ |
| 18              |            | ╁╌       | $\vdash$   | +        | $\vdash$        | +                           | Hā               | 1  | 68       | <del>   </del>             | +              |          | +            | ++                                 |            |          | 118        | $\forall$     | +               | H                      | +                   | +       | $\vdash$   | ┨ |
| 19              |            | $\top$   |  |          |                 | 1                           |                  |  | 69       |                            |                | $\Box$   |              |                                    |            |          | 119        |               |                 |                        |                     |         |  | j |
| 20              |            | $\perp$  |  | $\Box$   |                 | $oxed{\bot}$                |                  |  | 70       |                            | 1-1            |          | $\perp$      | $\Box$                             | - (6) t    |          | 120        | $\sqcup$      | $\perp$         | $\perp$                | $\Box$              | Ţ       |  | ] |
| 21              |            | ╀        | <b>├</b> ├-                                      | +        | $\vdash$        | -                           | H:               |  | 71<br>72 | $\vdash \vdash$            |                | +        | +            | +                                  |            |          | 121<br>122 | ╀┤            |                 | ┦                      | $\vdash$            |         | $\vdash$   | - |
| 22              |            | +-       | ++   | +-       | $\vdash \vdash$ | +                           | H                | 1  | 73       | +                          | ╁┼             | +        | +            | ++                                 |            |          | 123        |               | +               | $\dagger \exists$      | +                   | +       | ++   | 1 |
| 24              |            | T        |  | $\perp$  | 廿               | 士                           | ∐.               |  | 74       |                            |                |          | 士            |                                    |            |          | 124        | П             | 丁               |                        |                     | 工       |  |   |
| 25              |            | $\Box$   | $\Box$   | $\Box$   | $\Box \Box$     | I                           |                  |  | 75       | $\coprod$                  | $\Box$         | $\perp$  | $\perp$      | $\downarrow \downarrow \downarrow$ | 1          |          | 125        |               | _Ţ_             | П                      | $\Box$              | 工       | $\Box \Box$                                      |   |
| 26              | _          | $\perp$  | <del>                                     </del> | $\perp$  | $\dashv$        | +-                          | H                |  | 76       | $\vdash$                   | ╁┦             | $\dashv$ | +            | +-                                 | 語          |          | 126        | $\overline{}$ | +               | $\vdash$               | $\vdash \vdash$     | +       | ╁┼   | 4 |
| 28              |            | 十        | ++   | +-       | $\vdash$        | +                           | H                | <del>                                     </del> | 77<br>78 | +                          | ┼┤             | +        | +            | $\dashv \dashv$                    |            | <u> </u> | 127        |               | +               | $\vdash$               | $\vdash \vdash$     | +       | <del>                                     </del> | 1 |
| 29              | 7          | $\top$   | +  | $\top$   | $\vdash \vdash$ |                             |                  |  | 79       |                            | $\pm \dagger$  | 丁        | _            | 力                                  |            |          | 129        | T             | 士               |                        |                     | $\top$  | $\Box \dagger$                                   | 1 |
| 30              |            |          | $\Box$   | I        | $\Box$          | $\perp$                     |                  |  | 80       | П                          | $\Box$         | $\Box$   | Ţ            | Ш                                  |            |          | 130        |               |                 |                        |                     | $\perp$ |  | ] |
| 31              |            | +        | <b>├</b>   | $\perp$  | -               | +                           |                  | $\vdash$   | 81       | <b>├-</b> ├-               | ╁┩             | $\dashv$ | +            | 4-1                                |            | <u> </u> | 131        |               | _               | $\vdash$               | $\vdash \vdash$     | +       | ₩-   | 4 |
| 32              |            | ╁        | +-   | ╁        | $\vdash$        | +                           | H                | :  | 82       | ++                         | ╫              | $\dashv$ | +            | ++                                 | - *}       |          | 132        |               | +               | +                      | $\vdash$            | +       | + +-   | ┨ |
| 34              |            | +        | ++   | $\top$   |                 | +                           | +                |  | 84       | +                          | +              | $\dashv$ | $\dashv$     | +                                  | $\exists$  | $\vdash$ | 134        |               | +               | $\top$                 | $\vdash \vdash$     | +       | <del>                                     </del> | 1 |
| 35              | 5          | I        |  |          |                 |                             |                  |  | 85       |                            | $\Box$         |          | 1            |                                    |            |          | 135        | П             | $\perp$         |                        | $\Box$              | 工       |  | 1 |
| 36              |            | Ĺ        | $\prod$  | $\perp$  | $\prod$         | 丰                           |                  |  | 86       | $\perp \perp$              | +              | $\perp$  | 4            | +1                                 | 13.        |          | 136        |               | $\perp$         | 1                      | Щ.                  | 4       | $+ \bot$   | 4 |
| 37              |            | +-       | ╂-╂-   | +-       | ⊢-              | +                           |                  |  | 87<br>88 | ╁┼                         | ╢              | -        | +            | ╂╃                                 |            | -        | 137<br>138 |               | +               | +-                     | $\vdash \vdash$     | +-      | ┼┼-  | 4 |
| 39              |            | +        | ++   | +-       | - -             | +-                          |                  |  | 89       | +-+                        | +              | +        | +            | $\dashv\dashv$                     |            | $\vdash$ | 139        |               | $\dashv$        | +                      | $\vdash$            | ╁       | ╁╼╂╌   | ┨ |
| 40              |            | 上        |  | 1        |                 | 工                           | 1770,44000,4     |  | 90       |                            |                | 士        | コ            |                                    |            |          | 140        |               | 上               |                        | Ш                   | 上       |  |   |
| 4               |            | $\perp$  | $\Box$   | I        | $\Box$          |                             |                  |  | 91       | $\prod$                    | Щ              | $\Box$   | $\perp$      | $\Box$                             |            |          | 141        |               | $\perp$         |                        | П                   | $\bot$  |  |   |
| 42              | 21         |          | $\perp \perp$                                    |          | Ш               | ┷                           | الإلبا           | $\square$  | 92       | <b>↓</b> _↓                | $\bot \bot$    | $\dashv$ | _            |                                    | 43         | <u> </u> | 142        |               |                 | 1                      | $\vdash \downarrow$ | 4       | $\bot \bot$                                      | _ |

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